

CLAIMS

1. Video camera comprising :
- a camera body;
  - 5 - a lens fixed on the camera body,
  - a viewfinder of the flat screen type,
  - a boom which is connected by a first end to the camera body and by a second end to the viewfinder;
  - 10 - a first fixing means for connecting the boom to the camera body, the said first means allowing on the one hand adjustment of positioning and on the other hand retention in position;
  - a second fixing means for connecting the boom
  - 15 to the viewfinder, the said second means allowing on the one hand adjustment of positioning and on the other hand retention in position.
2. Camera according to Claim 1, wherein the first
- 20 fixing means is a sliding link furnished with a means of clamping by braking.
3. Camera according to Claim 2, wherein the sliding link consists of a rail, of a slider and of a means of tightening, the rail and the slider
- 25 cooperating so as to ensure translational guidance along a translation axis, the tightening means ensuring retention in position, and in that the rail is secured to the boom, the slider being secured to the camera body.
- 30 4. Camera according to Claim 3, wherein the rail is a member whose profile remains indentical after a 90° rotation about the translation axis.
5. Camera according to Claim 1, wherein the second fixing means ensures at least two rotations according
- 35 to two axes of rotation.
6. Camera according to Claim 5, wherein the second fixing means comprises a ball and socket furnished with clamping means.

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7. Camera according to Claim 5, wherein the second fixing means comprises:

- a gantry attached to the boom, the gantry having two arms opposite one another;
- 5 - a tilting support furnished with a circular hole, the said support being placed between the two arms so as to be able to tilt according to a first axis of rotation;
- first means of retention for retaining the  
10 tilting support in position between the two arms;
- a rod secured to the viewfinder and placed in the circular hole, and furnished with a stop so that only rotation is possible;
- 15 - second means of retention for retaining in position the rod in the tilting support.

8. Camera according to Claim 5, wherein the second fixing means comprises:

- an element secured to the boom, the said  
20 element being furnished with a circular hole;
- a rod of circular section mounted slidably in the circular hole;
- first clamping means for ensuring the clamping of the rod with respect to the element;
- 25 - a gantry secured to the rod having two arms intended to surround the viewfinder whilst ensuring rotation of the viewfinder with respect to the gantry;
- second clamping means for ensuring the clamping  
30 of the viewfinder with respect to the gantry.

9. Camera according to Claim 8, wherein the rod is furnished with adjustable means of translational clamping.

10. Camera according to Claim 8, wherein the  
35 viewfinder comprises guidance holes distributed over four sides so as to allow several orientations of mounting of the viewfinder with respect to the gantry.

11. Camera according to Claim 1, wherein the boom extends towards the rear of the camera so that a

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possible position of the viewfinder lies in the extension of the optical axis of the lens.

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